

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Yusel UKAWA

Application No.: 10/538,280

Confirmation No.: 1869

Filed: June 10, 2005

Art Unit: 2871

For: COLOR FILTER AND LIQUID CRYSTAL  
DISPLAY DEVICE USING IT, AND THEIR  
MANUFACTURING METHODS

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Examiner: Matthew Tynan

**RENEWED PETITION UNDER 37 C.F.R. § 1.181**

Mail Stop PCT  
Commissioner for Patents  
Office of PCT Legal Administration  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is in reply to the Decision on Petition Under 37 C.F.R. § 1.181 dated December 3, 2007. A request for a three (3) month extension of time under 37 C.F.R. § 1.136(a) is also being filed concurrently herewith. Therefore, the due date for filing a Renewed Petition in this matter has been extended to May 5, 2008 (Monday).

In the Decision on Petition, the Attorney Advisor in the PCT Legal Administration Office stated the following:

To correct the above processing errors, applicant should submit a complete copy of the 10 June 2005 submission for PCT/IB2003/05955, a copy of the postcard receipt and a statement that they are a true copy of the earlier submission. The Office can then create an application file for the national phase with only the appropriate papers. (Decision on Petition Under 37 CFR 1.181, page 1).

As the Attorney Advisor will note, attached hereto are the following documents:

1). A complete copy of the June 9, 2005 submission (The papers were mailed by Express Mail on June 9, 2005 and were received by the U.S. Patent Office on June 10, 2005), including a transmittal letter (it is noted that this transmittal letter is incorrect and should have listed International Application No. PCT/IB03/005955 thereon instead of PCT/IB03/05948; however, the rest of the documents identified the correct PCT Application No.); a Preliminary Amendment, a Declaration and Power of Attorney, an Assignment with Recordation Form Cover Sheet; an Information Disclosure Statement with PTO/1449 Form, and a Statement Under 37 CFR § 1.37(b); and

2). A copy of the stamped postcard receipt dated June 10, 2005.

Applicant respectfully submits that the enclosed documents are true copies of the earlier submission. Therefore, it is requested that a serial number be issued in the present application and forwarded to the undersigned as soon as possible.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Dated: May 5, 2008

Respectfully submitted,

By 

Paul C. Lewis

Registration No.: 43,368

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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Falls Church, Virginia 22040-0747

(703) 205-8000

Attorney for Applicant

Attachments as noted

PCL/jcg

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		AT: J.E.S. DOCKET NO. <b>JP02 0024 US</b> U.S. APPLICATION NO. (P. known, 350 37 CFR 1.5)	
INTERNATIONAL APPLICATION NO. <b>PCT/IB03/05948</b>	INTERNATIONAL FILING DATE <b>11 December 2003</b>	PRIORITY DATE CLAIMED <b>17 December 2002</b>	
TITLE OF INVENTION <b>COLOR FILTER AND LIQUID CRYSTAL DISPLAY DEVICE USING IT, AND THEIR MANUFACTURING METHODS</b>			
APPLICANT(S) FOR DO/EO/US <b>Yusei UKAWA</b>			
Applicant(s) herewith submit to the United States Designated/Elected Office (DO/EO/US) the following:			
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input checked="" type="checkbox"/> has been transmitted by the International Bureau. 3. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). <input checked="" type="checkbox"/> have not been made and will not be made. 4. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).			
The following document(s) or information are included:			
5. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98 6. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included 7. <input checked="" type="checkbox"/> A preliminary amendment 8. <input checked="" type="checkbox"/> Power of Attorney to Prosecute Application before the USPTO 9. <input checked="" type="checkbox"/> Statement under 37 CFR §3.73(b) 10. <input type="checkbox"/> Information Disclosure Statement 11. <input checked="" type="checkbox"/> Authorization Pursuant to 37 CFR § 1.138(a)(3) and to Charge Deposit Account 14-1270 12. <input checked="" type="checkbox"/> Receipt Confirmation Postcard			
The following fees have been submitted:		<b>CALCULATIONS</b>	<b>PTO USE ONLY</b>
13. <input checked="" type="checkbox"/> Basic national fee ..... \$ 300 14. <input checked="" type="checkbox"/> Examination fee (Int'l prelim. exam. report NOT prepared by USPTO) ..... \$ 200 15. <input checked="" type="checkbox"/> Search Fee (Int'l Search Report prepared and provided to the Office) ..... \$ 400 <b>TOTAL OF 13, 14 and 15 =</b>		<b>\$ 900</b>	
<b>CLAIMS</b>	<b># FILED</b>	<b># EXTRA</b>	<b>RATE</b>
Total claims	7 - 20 =	0	X \$50 \$0
Independent claims	2 - 3 =	0	X \$200 \$0
<b>TOTAL FEES FOR CLAIMS =</b>		<b>\$ 0</b>	
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)) accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property +		<b>\$ 40</b>	
<b>TOTAL FEES ENCLOSED =</b>		<b>\$ 940</b>	
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge the above fees, as well as any additional fee which may be required, with the exception of the Base Issue Fee, or credit any overpayment to our Deposit Account No. 14-1270.			
<b>SEND ALL CORRESPONDENCE TO:</b>			
PHILIPS ELECTRONICS NORTH AMERICA CORPORATION Intellectual Property & Standards 1109 McKay Drive, MS41-SJ San Jose, California 95131		USPTO CUSTOMER NO. <b>24738</b>	
		 Kevin Simons, Reg. No. 45,110 Tel.: (408) 474-9075	
<b>CERTIFICATE OF EXPRESS MAILING</b>			
I hereby certify that this paper and/or fee is being deposited with the United States Postal Service "Express Mail" Post Office to Addressee" service under 37 CFR 1.10 is addressed to "Mail Stop PCT, Commissioner for Patents, PO Box 1450, Arlington, VA 22313," on the date indicated below.			
(Date) <u>01/09/05</u>		(Signature)  (Name) Daniel L. Michalek	

CONFIDENTIAL - 153-231197-2210/210

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : Unassigned Confirmation No. Unassigned  
Applicant : Satoru TAKAHASHI  
Filed : Concurrently  
TC/A.U. : Unassigned  
Examiner : Unassigned  
  
Docket No. : JP02 0023 US  
Customer No. : 24738

Title: LIQUID CRYSTAL DISPLAY DEVICE WITH AN  
OPTICALLY DIFFUSIVE REFLECTING LAYER AND  
MANUFACTURING METHOD FOR THE SAME

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## PRELIMINARY AMENDMENT

Sir:

Prior to calculation of the filing fee and examination please amend the above-identified application as follows:

Amendments to the Specification there are no amendments in this paper.

Amendments to the Claims begin on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

Appl. No. Unassigned; F No. JP02 0023 US  
Amdt. dated 07-Jun-2005  
Preliminary Amendment

### Amendments to the Claims

1. (CURRENTLY AMENDED) A liquid crystal display device comprising a liquid crystal layer for performing optical modulation in accordance with an image to be displayed and a diffusive reflecting layer for diffusively reflecting light having passed through the liquid crystal layer to the liquid crystal layer with a diffused reflected light distribution having a predetermined directivity, wherein
- the diffusive reflecting layer has a function of giving the reflected light a diffused reflected light distribution in which: a first range of viewing angles within which reflected light rays of luminous flux of predetermined proportion of the first total luminous flux of reflection are obtained is defined, the first total luminous flux being obtained in a specific plane including an imaginary axis of a specific direction along a principal plane of the diffusive reflecting layer and the normal to the principal plane by incident light in a direction parallel to the normal, the first range of viewing angles having the direction of the incident light as a reference angle; a second range of viewing angles within which reflected light rays of luminous flux of the predetermined proportion of the second total luminous flux of reflection are obtained is defined, the second total luminous flux being obtained by the incident light in the other plane including an imaginary axis of the other direction along the principal plane of the diffusive reflecting layer and the normal to the principal plane, the second range of viewing angles having the direction of the incident light as a reference angle; and the first range is narrower than the second range,
  - an initial average orientation imaginary plane of the liquid crystal layer, including a typical director of liquid crystal molecules in a dark or bright state and the normal to the principal plane of the diffusive reflecting layer, is substantially parallel to the specific plane.
2. (ORIGINAL) A liquid crystal display device as defined in Claim 1, characterized by an orientation film for determining such an initial molecular orientation of the liquid crystal layer that the initial average orientation imaginary plane is set to be substantially parallel to the specific plane.

Appl. No. Unassigned; F No. JP02 0023 US  
Amdt. dated 07-Jun-2005  
Preliminary Amendment

3. (CURRENTLY AMENDED) A liquid crystal display device as defined in ~~Claim 1 or 2~~Claim 1, characterized in that the specific direction and the other direction have substantially a perpendicular relations.

4. (CURRENTLY AMENDED) A liquid crystal display device as defined in ~~Claim 1 or 2~~Claim 1, characterized in that the specific direction is a vertical direction of a display face of the liquid crystal display device, and the other direction is a horizontal direction of the display face.

5. (CURRENTLY AMENDED) A liquid crystal display device as defined in ~~any one of Claims 1-4~~Claim 1, characterized in that the diffusive reflecting layer has a reflecting surface showing roughness of shape based on a plurality of island-shaped outline units of depression or projection portions, and an average diameter of the units of depression or projection portions in the specific direction is greater than an average diameter in a direction substantially perpendicular to the specific direction on the principal plane of the diffusive reflecting layer.

6. (ORIGINAL) A liquid crystal display device as defined in Claim 5, characterized in that an average pitch of the units of depression portions or the units of projection portions in the specific direction is greater than an average pitch of them in a direction substantially perpendicular to the specific direction on the principal plane of the diffusive reflecting layer.

7. (ORIGINAL) A method of manufacturing a liquid crystal display device comprising a liquid crystal layer for performing optical modulation in accordance with an image to be displayed and a diffusive reflecting layer for diffusively reflecting light having passed through the liquid crystal layer to the liquid crystal layer with a diffused reflected light distribution having a predetermined directivity, comprising the steps of:

forming the diffusive reflecting layer in such a form that the diffusive reflecting layer has a function of giving the reflected light a diffused reflected light distribution in which: a first range of viewing angles within which reflected light rays of luminous flux of predetermined proportion of the total luminous flux of reflection

Appl. No. Unassigned; T No. JP02 0023 US  
Amtd. dated 07-Jun-2005  
Preliminary Amendment

are obtained is defined, the total luminous flux being obtained in a specific plane including an imaginary axis of a specific direction along a principal plane of the diffusive reflecting layer and the normal to the principal plane by incident light in a direction parallel to the normal, the first range of viewing angles having the direction of the incident light as a reference angle; a second range of viewing angles within which reflected light rays of luminous flux of the predetermined proportion of the total luminous flux of reflection are obtained is defined, the total luminous flux being obtained by the incident light in the other plane including an imaginary axis of the other direction along the principal plane of the diffusive reflecting layer and the normal to the principal plane, the second range of viewing angles having the direction of the incident light as a reference angle; and the first range is narrower than the second range,

forming an orientation film for determining an initial molecular orientation of the liquid crystal layer, in such a manner that an initial average orientation imaginary plane of the liquid crystal layer, including a typical director of liquid crystal molecules in a dark or bright state and the normal to the principal plane of the diffusive reflecting layer, is substantially parallel to the specific plane.

Appl. No. Unassigned; C No. JP02 0023 US  
Amdt. dated 07-Jun-2005  
Preliminary Amendment

**REMARKS/ARGUMENTS**

The foregoing amendment(s) to claim(s) was/were made solely to avoid filing the claim in the multiple dependent form so as to avoid the additional filing fee.

The claim(s) was/were not amended in order to address issues of patentability and Applicant respectfully reserves all rights she may have under the Doctrine of Equivalents. Applicant furthermore reserves her right to reintroduce subject matter deleted herein at a later time during the prosecution of this application or continuing applications.

Please charge any fees other than the issue fee and credit any overpayments to Deposit Account 14-1270.

Respectfully submitted,

Date: 6/9/05

By Kevin Simons  
Kevin Simons, Reg. No. 45,110  
(408) 474-9075

**Correspondence Address:**

Intellectual Property & Standards  
Philips Electronics North America Corporation  
1109 McKay Drive; Mail Stop SJ41  
San Jose, CA 95131 USA



**COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY**  
 (includes Reference to PCT International Applications)

 ATTORNEY'S DOCKET  
 NUMBER  
**PHJP020023 US**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

 I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:  
**"LIQUID CRYSTAL DISPLAY DEVICE WITH AN OPTICALLY DIFFUSIVE REFLECTING LAYER AND MANUFACTURING METHOD FOR THE SAME"**  
 the specification of which (check only one item below):

☐ is attached hereto.

☐ was filed as United States application

Serial No

on

and was amended

on

☐ was filed as PCT international application

Number

on

and was amended under PCT Article 19

on

(if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

**PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:**

COUNTRY	APPLICATION NUMBER	DATE OF FILING DAY, MONTH, YEAR	PRIORITY CLAIMED UNDER 35 USC 119
JAPAN	2002-365149	17, December, 2002	YES

 U.S. DEPARTMENT OF COMMERCE - Patent and Trademarks Office  
 (July 1994)

page 1 of 2


Copied from 14089843525 on 12/17/2007

Combined Declaration For Patent Application and Power of Attorney (Continued) (includes Reference to PCT (International Applications))				Attorneys Docket Number <b>PHJP020023 US</b>	
POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)					
Jack E. Haken, Reg. No. 26,902 Michael E. Marion, Reg. No. 32, 266 Edward M. Blocker, Reg. No. 30,245				Direct Telephone Calls to: (name and telephone number) (914)332-0222	
201	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY	
		TAKAHASHI	Satoru		
		Kobe-shi, Hyogo	JAPAN	JAPAN	
		4-13-S-B401, Koujida,	Kobe-shi, Hyogo	JAPAN	
		Nishi-ku,			
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.					
SIGNATURE OF INVENTOR 201					
Satoru Takahashi					
DATE 10, December, 2003					

U.S. DEPARTMENT OF COMMERCE- Patent and Trademarks Office

(July 1994)

page 2 of 2

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office		RECORDATION FORM COVER SHEET PATENTS ONLY		Atty. Docket: <u>JP02 0023 US</u>	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): <b>Satoru TAKAHASHI</b>		2. Name and address of receiving party(ies) <b>KONINKLIJKE PHILIPS ELECTRONICS N.V. Groenewoudseweg 1 Eindhoven, The Netherlands 5621 BA</b>			
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date(s): <u>10-Dec-2003</u>		4. Application number(s) or patent number(s): If being filed together with a new application, the execution date of application is: <u>09-Jun-2005</u> A. Patent Application No.: _____ B. Patent No.: <u>NONE</u>			
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name & address to whom correspondence concerning document should be mailed: <b>Philips Electronics North America Corp. Intellectual Property &amp; Standards 1108 McKay Drive, M/S-41SJ San Jose, California 95131</b>  Customer Number: <b>24738</b> <small>PATENT TRADEMARK OFFICE</small>		6. Total number of applications and patents involved: <u>1</u>  7. Total fee (37 DFR 3.41) <u>\$ 40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  8. Deposit account number: <u>14-1270</u> (Duplicate copy of this page is attached)			
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.   Kevin Simons, Reg. No. 45,110 Date <u>6/9/05</u>  Total number of pages including cover sheet, attachments, and documents: <u>2</u>					

U.S.A. Sole/Joint

## ASSIGNMENT

Docket No. PHJP020023 US

For good and valuable consideration, of which I acknowledge receipt, I, as a below-named assignor, sell and assign to Koninklijke Philips Electronics N.V. (hereinafter "Assignee") a corporation existing under the laws of Kingdom of the Netherlands, whose business address Groenewoudseweg 1, 5621 BA Eindhoven, the Netherlands, its successors and assigns, the application for a United States Patent for the improvements in a  
**"LIQUID CRYSTAL DISPLAY DEVICE WITH AN OPTICALLY DIFFUSIVE REFLECTING LAYER AND MANUFACTURING METHOD FOR THE SAME"**  
invented by us, which application;

- ☐ is executed concurrently herewith  
☐ was executed by me/us on .....  
☐ is Serial No. .... filed .....  
☐ is International Application No. .... filed .....



and all rights in and to said application, and all Patents which may be granted therefore, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all Patents on said improvements or resulting therefrom to said Assignee as assignee of the entire interest and covenant that I have full right so to do, and agree that I will communicate to said Assignee or its representatives any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns and nominees, to obtain and enforce proper protection for said invention.

December 10, 2007 (sign name here)  
Date (print name here)

Satoru Takahashi  
Satoru TAKAHASHI

Assignor



<b>INFORMATION DISCLOSURE STATEMENT TRANSMITTAL</b>		Application Number
<b>To Commissioner For Patents</b> Enclosed herewith is a Form PTO-1449, any required copies of documents filed thereon, and any concise explanation of their relevance as indicated below per 37 CFR 1.97.		Filing Date
		First Named Inventor Satoru TAKAHASHI
		Group Art Unit
		Examiner Name
		App. Docket Number JP02 0023 US
<p><input checked="" type="checkbox"/> Please charge any required fee under §1.17(l) or §1.17(p) or any other required fee (except the issue fee) to Account No. 14-1270.</p> <p>1. <input type="checkbox"/> I certify that these documents were first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three (3) months ago.</p> <p>2. <input type="checkbox"/> I certify that none of these documents were cited in any communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, none of these documents was known to any individual designated in §1.56(c) more than three (3) months ago.</p> <p><input type="checkbox"/> A fee under §1.17(p) is not required under §1.97(c), after the first Action on the merits and more than (3) months after the date of application or RCE, because I certify 1. or 2. as indicated above.</p> <p><input type="checkbox"/> A copy of the citations is not required because they were previously submitted or cited in the parent application (or in U.S. patent application Ser. No. _____ Filing Date _____ relied on for an earlier effective filing date under 35 U.S.C. 120).</p> <p><input type="checkbox"/> A copy of the U.S. patent(s) and patent application publication(s) in all U.S. national patent applications filed after June 30, 2003, and in all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003 under 37 CFR 1.491(b), are not required.</p> <p><input type="checkbox"/> A concise explanation of the relevance of each non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.88(a)(3).</p> <p>The concise explanation of the relevance of any non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is that the document is/was:</p> <p><input type="checkbox"/> cited in the specification or considered in drafting the specification of this application;</p> <p><input type="checkbox"/> previously submitted or cited in the parent application (or in a related patent application Serial No. _____ Filing Date: _____);</p> <p><input type="checkbox"/> cited as an "X" or "Y" document in a foreign Patent Office search report in a foreign counterpart application, a copy of which report is also enclosed.</p>		
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED</b>		
Name	Kevin Simons, Reg. No. 45,110	
Signature		Date: 6/9/05
<b>CERTIFICATE OF EXPRESS MAILING</b> I hereby certify that this paper and/or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 and is addressed to "Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Arlington, VA 22213," on the date indicated below.		
(Date)	6/9/05	(Signature)  (Name) Daniel L. Michalek



INFORMATION DISCLOSURE STATEMENT TRANSMITTAL				Application Number	
To Commissioner For Patents Enclosed herewith is a Form PTO-1449, any required copies of documents listed thereon, and any concise explanation of their relevance is indicated below per 37 CFR 1.97.				Filing Date	
				First Named Inventor Satoru TAKAHASHI	
				Group Art Unit	
				Examiner Name	
				Atty. Docket Number JP02 0023 US	
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number No.-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns Lines, Where Relevant Paragraphs or Relevant Figures Appear
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number (city/country, if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of cited document	Pages, Columns Lines, Where Relevant Paragraphs or Relevant Figures Appear
		JP 177106/98	1998		
NON-PATENT DOCUMENTS					
Examiner Initials*	Cite No.	include name of the author (in capital letters), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
Examiner Signature		Date Considered			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WPO Standard ST. 2). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ATTORNEY DOCKET NUMBER: JPL 3 US

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Koninklijke Philips Electronics N.C.	
Application No./Patent No.: Concurrently	Filed/Issue Date: Concurrently
Entitled: Liquid crystal display device with an optically diffusive reflecting layer and manufacturing method for the same	

Koninklijke Philips Electronics N.V., a corporation  
states that it is:

- ☒ the assignee of the entire right, title and interest,
- ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_% in the patent application/patent identified above,

by virtue of:

- ☐ An assignment from the inventor(s) of the patent application/patent identified above.  
The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
- ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:
1. From \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
  2. From \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
  3. From \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
- ☐ Additional documents in the chain of title are listed on a supplemental sheet.
- ☒ Copies of assignments or other documents in the chain of title are attached.  
(Note: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Date: 6/9/05

Respectfully submitted,

By Kevin Simons  
Kevin Simons, Reg. No. 45,110  
Title: Patent Attorney  
Tel: (408) 474-9075

Express Mail: EV 701785193 US

DOCKET No.: JP02 0023 US

INT'L FILE DATE: 11 December 2003

DATE MAILED: 6/9/2005

FIRST INVENTOR: Satoshi TAKAHASHI

ATTORNEY: SIMO/dlm

TITLE: LIQUID CRYSTAL DISPLAY DEVICE WITH AN OPTICALLY DIFFUSIVE  
REFLECTING LAYER AND MANUFACTURING METHOD FOR THE  
SAME

Items listed have been received in the USPTO on the date indicated by the stamp below.

- ☒ Transmittal Letter      ☒ Cert. of Mailing
- ☒ Fees paid by deposit account
- ☒ Preliminary Amendment - 6 pages
- ☒ Declaration & POA - 2 pages
- ☒ Assignment w/Recordation Form Cover Sheet - Fees paid
- ☒ IDS with Form PTO/SB/1449      ☐ copy of \_\_\_ cited refs.
- ☒ Power of Attorney to Prosecute Application Before the USPTO
- ☒ Statement Under 37 CFR 3.73(b)

USPTO Rec'd PCT/PTO 10 JUN 2005

NOT CORRECT  
10/538280

DOCKETED ✓

1B03/005955